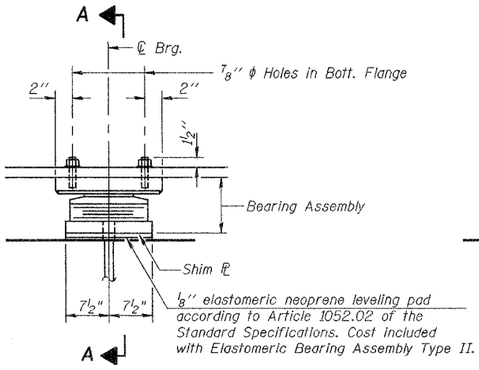
85399

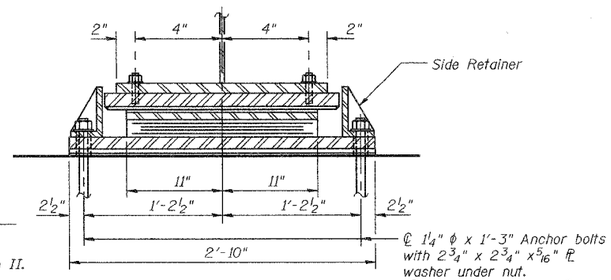
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 0525	*	WINNEBAGO	157	134
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

SHEET NO. 27
50 SHEETS

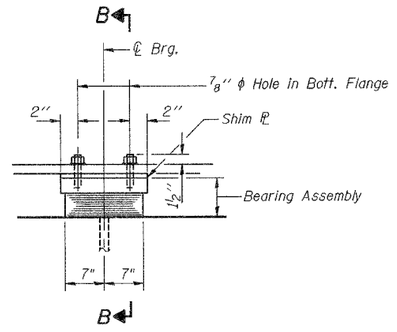
* 02-00518-00-BR



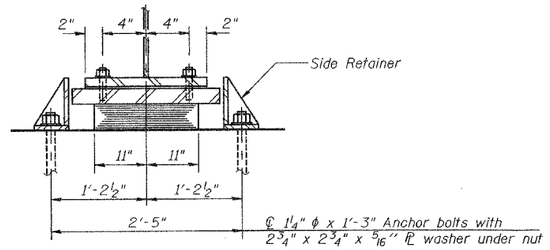
ELEVATION AT PIER 1



SECTION A-A

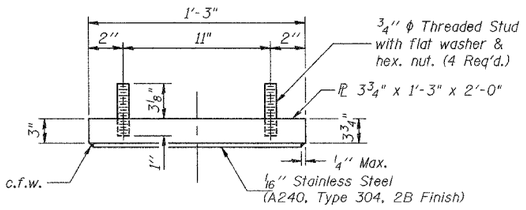


ELEVATION AT PIER 2

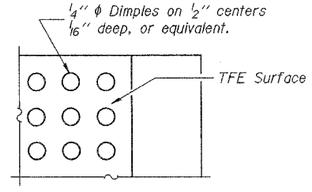


SECTION B-B

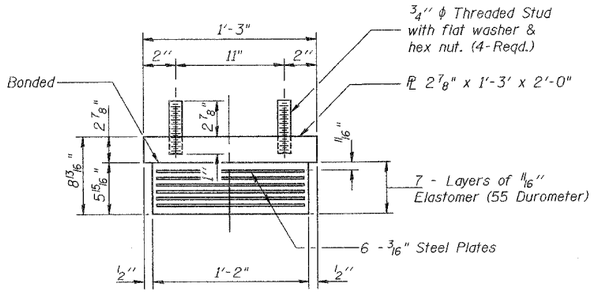
TYPE II ELASTOMERIC EXP. BRG. AT PIER 1



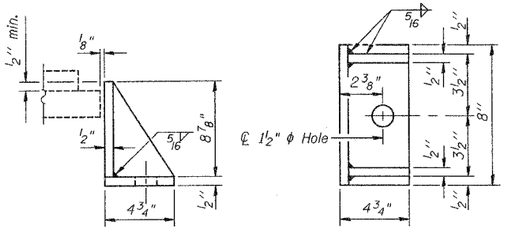
PIER 1 TOP BEARING ASSEMBLY



PIER 1 PLAN-TFE SURFACE



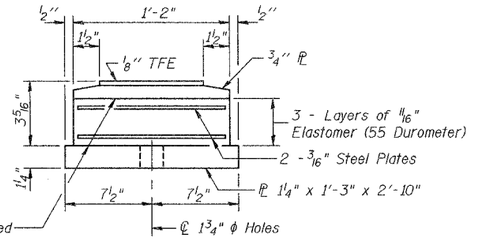
PIER 2 BEARING ASSEMBLY



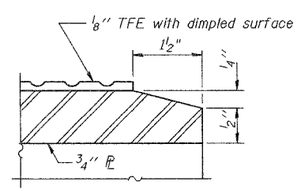
PIER 2 SIDE RETAINER

Equivalent rolled angle with stiffeners will be allowed in lieu of welded plates. Weight included with Structural Steel.

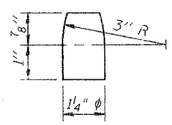
TYPE I ELASTOMERIC EXP. BRG. AT PIER 2



PIER 1 BOTTOM BEARING ASSEMBLY



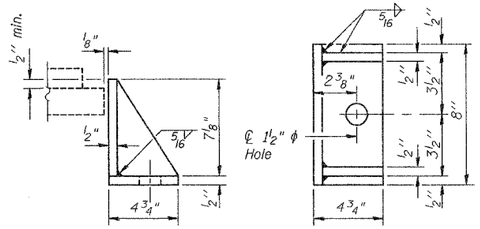
PIER 1 SECTION THRU TFE



PINTLE

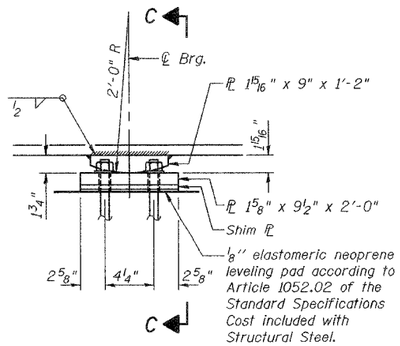
BILL OF MATERIAL

Item	Unit	Total
Elastomeric Bearing Assembly Type I	Each	5
Elastomeric Bearing Assembly Type II	Each	5

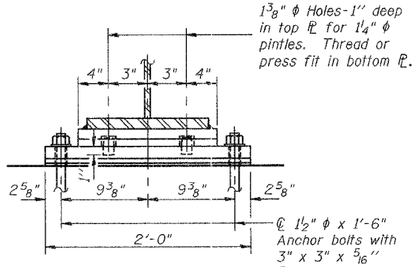


PIER 1 SIDE RETAINER

Equivalent rolled angle with stiffeners will be allowed in lieu of welded plates. Weight included with Structural Steel.



ELEVATION AT PIER 3



SECTION C-C

FIXED BEARING AT PIER 3

NOTES

The ⅛" TFE sheet shall be bonded directly to the top steel plate with a two-component, medium viscosity epoxy resin, conforming to the requirements of the Federal Specification MMM-A-134, Type I. The bond agent shall be applied on the full area of the contact surfaces.

Bonding of ⅛" TFE sheet during vulcanizing process will be permitted provided the process and method of adjusting assembly height is approved by the Engineer.

All structural steel bearing plates and pintes for low profile fixed bearings and Elastomeric Bearing Assemblies shall be AASHTO M270, Grade 50.

Anchor bolts shall be high strength bolts (AASHTO M164, Type 1 or 2).

Shim plates shall not be placed under Type I Elastromeric Bearing Assembly.

Anchor bolts at fixed bearings may be built into the masonry.

See Sheet 29 of 50 for Anchor Bolt installation.

See Sheet 26 of 50 for Setting Anchor Bolts at Expansion Bearing detail.

Corporate License Number 184-001-084

BEARING DETAILS

WESTBOUND HARRISON AVENUE
OVER UP & CC&P RAILROAD
F.A.P. ROUTE 0525
SECTION 02-00518-00-BR
ROCKFORD, ILLINOIS
STATION 95+25.35
STRUCTURE NO. 101-6109

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HANSON

JOB NO. 03R1751

DATE 12/14/06

LAYOUT	JKR	12/13/05
DRAWN	MGN/JKR	01/13/06
REVIEWED	FLN	08/02/06

12:32:29 PM
12\12\2006 12:32 PM
I:\03_Idot\03R175\Structl\Steel\West Bound\S-027-WB-Bear Det Abut.dgn